

# Converting Colors

Hex(BB75B9)

Have a look what the booklet for  
Hex(BB75B9) contains.

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# **Color**

**Hex(BB75B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB75B9
RGB	187, 117, 185
RGB Percent	73%, 46%, 73%
CMY	0.2667, 0.5412, 0.2745
CMYK	0.00, 0.37, 0.01, 0.27
HSL	302°, 34%, 60%
HSV	302°, 37%, 73%
XYZ	35.6118, 26.7902, 49.1930
YIQ	145.6820, 19.8920, 35.9880

# Conversions

## Conversions Part 2

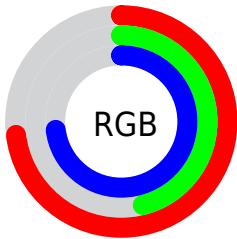
Format	Color
R <sub>Y</sub> B	187, 117, 185
Decimal	12285369
CIE <sub>Lab</sub>	58.78, 38.13, -24.54
CIE <sub>LCh</sub>	59, 45.344, 327.242
Yxy	26.7902, 0.3191, 0.2401
Android (android.graphics.Color)	4290475449 (0xFFBB75B9)
YUV	145.6820, 19.3838, 36.2359
Hunter-Lab	51.7592, 32.2343, -20.1190

# Details

The Hex color **BB75B9** is a light color, and the websafe version is hex **996699**. A complement of this color would be **75BB77**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F4AAF1**, and **844284** is the 20% darker color. If you saturate the color by 10%, you get **BB62B8**, and if you desaturate by 10%, it is **BB88BA**.

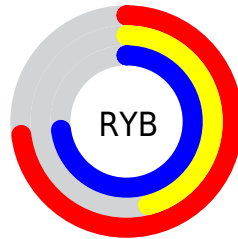
# Distribution



Red (73%)

Green (46%)

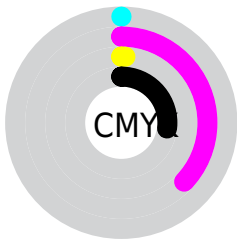
Blue (73%)



Red (73%)

Yellow (46%)

Blue (73%)

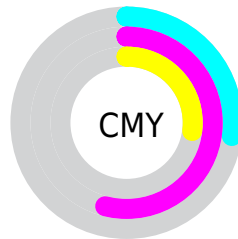


Cyan (0%)

Magenta (37%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BB75B9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BB75B9 by changing the saturation by 10% instead.



 BB75B9

 BB75B9

FFFFFF

 9F5B9E

 F4AAF1

 844284

 FFC6FF

 6A2A6A

 FFE3FF

 511052

 38003B

 240025

 00000C

 000000

 BB75B9

 BB75B9

 BB62B8

 BB88BA

 BB50B8

 BB9ABA

 BB3DB7

 BBADBB

 BB2AB7

 BBC0BB

 BB17B6

 BBD3BC

 BB05B6

 BBE5BC

 BB00B6

 BBF8BD

 BBFFBD

 BBFFBE

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8A84D4



BB75B9



D46C93

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BB75B9



A88A3B



00A1B1

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



BB75B9



75BB77

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00A188



BB75B9



809644

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BB75B9



C67B4B



4E9E61



009CCF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BB75B9



D86C78



4E9E61



00A1A4



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



BB75B9



F2D8F1



7675BB



7A6A7A



FAFAFA



7A7A7A



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



BB75B9



F285EF



BB7597



5E555E



9E009A



1F001E



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



BB75B9



F285EF



75BB99



5E555E



9E009A

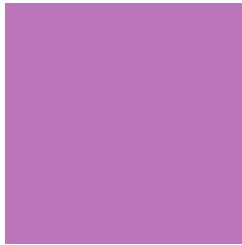


1F001E



# Previews

## White Background



This preview shows how the Hex color BB75B9 looks on a white background.

## Color Contrast Check

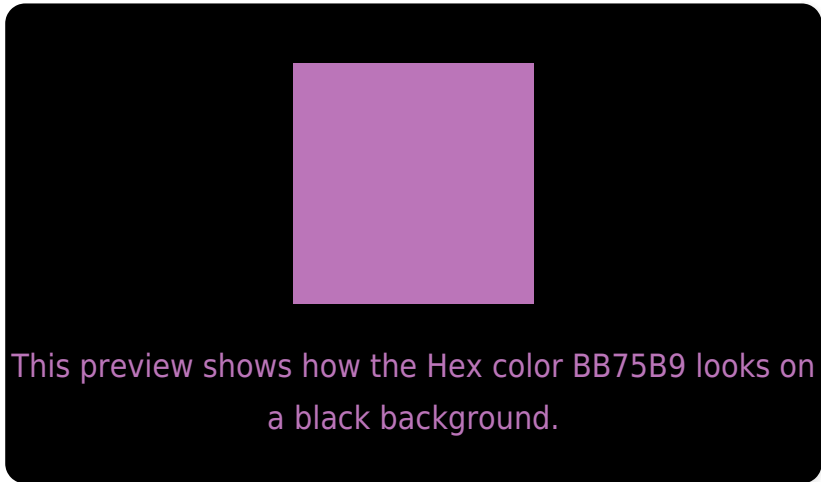
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

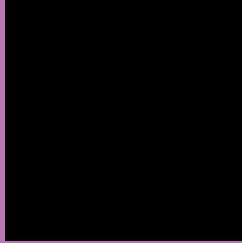
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BB75B9 Background



This preview shows how black text looks on a background with the Hex color BB75B9.

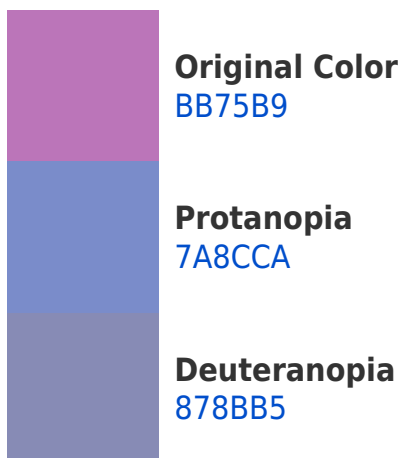


This preview shows how white text looks on a background with the Hex color BB75B9.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

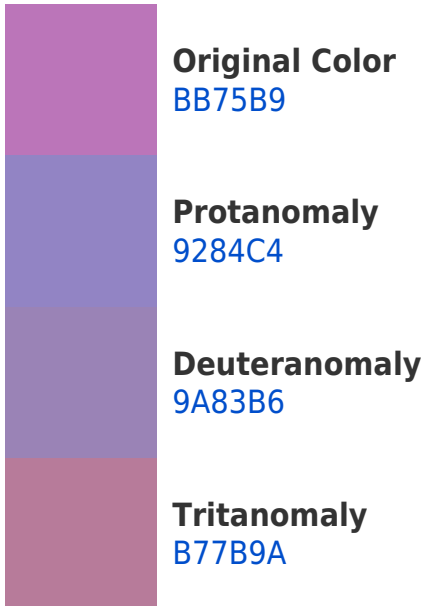
## Dichromacy



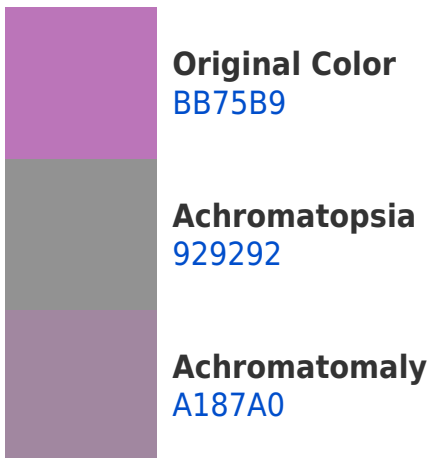


**Tritanopia**  
B57F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BB75B9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BB75B9 looks like.

```
.text, #text, p{  
    color:#BB75B9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BB75B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BB75B9
}
```

## Border

The CSS property to change the border of an element to Hex BB75B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BB75B9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BB75B9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BB75B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BB75B9; -webkit-box-shadow:4px 4px  
4px 4px #BB75B9; box-shadow:4px 4px 4px  
4px #BB75B9 }
```

# Background

The CSS property to change the background color of an element to Hex BB75B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BB75B9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BB75B9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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